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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/736,692
Date Submitted: August 2, 2005		Filing Date	12/17/2003
(use as many sheets as necessary)		First Named Inventor	Robert G. Mejia
		Group Art Unit	2652
		Examiner Name	Wayne R. Young
		Attorney Docket Number	200310876-1
Sheet	1	of	1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	6,515,957	B1	Newns et al.	02-04-2003	
	A2	2003/202456	A1	Hong et al.	10-30-2003	
	A3	5,923,033	A		07-13-1999	

FOREIGN PATENT DOCUMENTS							
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	A4	EP	0 803 702	A	Hewlett-Packard Company	10-29-1997	
	A5	JP	01-197661	A	TDK Corp.	08-09-1989	
	A6	JP	08-086788	A	Olympus Optical Co.	04-02-1996	A3

NON PATENT LITERATURE DOCUMENTS				
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	A4	PATENT ABSTRACTS OF JAPAN, vol. 013, no. 495 (P-956) 11-09-1989.		
	A5	PATENT ABSTRACTS OF JAPAN, vol. 1996, no. 08, 08-30-1996.		

Examiner Signature		Date Considered	10/2/06
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		Filing Date	12/17/2003
		First Named Inventor	Robert G. Mejia et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Date Submitted: December 17, 2003		Attorney Docket Number	200310876-1
(use as many sheets as necessary)			
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	A1	5,953,306		YI	09-14-1999	
	A2	6,477,132	B1	AZUMA et al.	11-05-2002	
	A3	3,920,930		SOBCZYK	11-18-1975	
	A4	5,412,641		SHINJO et al.	05-02-1995	
	A5	6,465,782	B1	KENDALL	10-15-2002	
	A6	5,053,995		KAJIMURA et al.	10-01-1991	
	A7	6,401,526	B1	DAI et al.	06-11-2002	
	A8	5,398,299		NAKAYAMA et al.	03-14-1995	
	A9	5,751,685		YI	05-12-1998	
	A10	5,329,513		NOSE et al.	07-12-1994	
	A11	4,340,956		MILLER	07-20-1982	
	A12	6,515,957	B1	NEWNS et al.	02-04-2003	
	A13	5,610,898		TAKIMOTO et al.	03-11-1997	
	A14	5,751,683		KLEY	05-12-1998	
	A15	5,753,911		YASUDA et al.	05-19-1998	
	A16	6,072,764		SHIDO et al.	06-06-2000	
	A17	5,373,494		KAWAGISHI et al.	12-13-1994	
	A18	5,526,334		YAMANO et al.	06-11-1996	
	A19	5,371,728		SAKAI et al.	12-06-1994	
	A20	5,426,631		MIYAZAKI et al.	06-20-1995	
	A21	6,369,385	B1	MURAY et al.	04-09-2002	
	A22	5,235,187		ARNEY et al.	08-10-1993	
	A23	4,998,016		NOSE et al.	03-05-1991	
	A24	5,679,952		LUTWYCHE et al.	10-21-1997	
	A25	5,015,850		ZDEBLICK et al.	05-14-1991	
	A26	5,994,698		KAWADE et al.	11-30-1999	
	A27	4,912,822		ZDEBLICK et al.	04-03-1990	
	A28	4,998,016		NOSE et al.	03-05-1991	
	A29	5,283,437		GRESCHNER et al.	02-01-1994	
	A30	5,289,004		OKADA et al.	02-22-1994	
	A31	5,345,815		ALBRECHT et al.	09-13-1994	
	A32	5,583,286		MATSUYAMA	12-10-1996	
	A33	5,883,705		MINNE et al.	03-16-1999	
	A34	5,969,345		WILLIAMS et al.	10-19-1999	
	A35	6,337,477	B1	SHIMADA et al.	01-08-2002	
	A36	5,680,387		YAMANO et al.	10-21-1997	
	A37	5,546,374		KURODA et al.	08-13-1996	
	A38	5,537,372		ALBRECHT et al.	07-16-1996	
	A39	6,218,086	B1	BINNIG et al.	04-17-2001	
	A40	5,856,672		RIED	01-05-1999	
	A41	3,842,194		CLEMENS	10-15-1974	
	A42	4,450,550		STERZER	05-22-1984	

Examiner  
Signature

*P. S. H.*

Date  
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8	A43	6,436,794	B1	LEE et al.	08-20-2002
	A44	6,440,820	B1	LEE et al.	08-27-2002
	A45	6,580,678	B2	KONDO et al.	06-17-2003
	A46	5,138,174		TANG	08-11-1992

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8	A47	Presentation, "02 Field-Effect Transistor (FET) principles and types.	
	A48	P. Vettiger, et al., "The Millipede - More than one thousand tips for future AFM data storage", May 3, 2000, IBM J. Res. Develop. Vol. 44:3.	
	A49	Chuck Morehouse, "Beyond Magnetic Recording - Will it be probe-based storage", IIST Workshop XVI Lake Arrowhead, October 2000, IIST WS XVI, Hewlett-Packard Laboratories.	

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